

**Mission**

The MSiC will be the innovator, incubator and advocate of 21<sup>st</sup> Century math and science programs for the Capital Region's K-12 educators and students.

**MSiC Consortium Divisions**

Chesterfield  
Colonial Heights  
Hanover  
Henrico  
King William  
Petersburg  
Powhatan  
Richmond

**Contact Information**

MathScience  
Innovation Center  
2401 Hartman Street  
Richmond, VA 23223  
www.msinnovation.info  
Tel: 804.343.6525  
Fax: 804.343.6529

# Topics in Math Grade 4 Spring 2010

## A Course for Gifted & Talented Students

### Do you know?

- How to use your human calculator?
- How to find figurate numbers, patterns, and sequences?
- How to write numbers in other bases and number systems?
- That there are thousands of shapes one can make with tangrams?

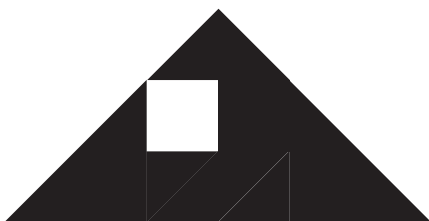
Explore these and other fun math topics on five Saturday mornings.

Play with geometry!  
Solve math puzzles!  
Learn about Fibonacci, Pascal, Napier, Euler and other famous mathematicians!

Apply your knowledge of math to solve real-world problems.

## General Information

1. Topics in Math will be held at the MathScience Innovation Center on the following Saturdays **March 20, 27, April 17, 24 and May 1** (Note: There is no weather related make-up). Classes will meet from **9:30 am to 12:30 pm**. Students are expected to attend every Saturday. Check your calendar carefully!
2. Fourth grade students, identified as gifted, currently enrolled in the public schools of the consortium school divisions are eligible to participate.
3. Students will be selected for attendance through the Gifted Program in their school division. Each school division will rank its students and submit the applications to the MathScience Innovation Center. Submit your completed application to your Teacher of the Gifted in your elementary school by the deadline set by your school division. Do not send your application directly to the MathScience Innovation Center.
4. Your acceptance and registration into the program will be confirmed prior to the opening date by e-mail and will be accompanied by specific instructions for the program. If you do not have e-mail, the U.S. mail will be used. A one-time fee of \$30 is charged for materials and is paid on the first day of class. Certificates will be awarded to every student who completes the class (only 1 absence allowed).
5. Check our website, **www.msinnovation.info**, for information on our summer class offerings for rising 4 – 8 grades.
6. For additional information contact:  
Debbie Mitchell: Phone 804-343-6525 ext. 243      E-mail: [dmitchell@msinnovation.info](mailto:dmitchell@msinnovation.info)  
Doug Childers: Phone 804-343-6525 ext. 245      E-mail: [dchilders@msinnovation.info](mailto:dchilders@msinnovation.info)
7. Your local school division will provide bus transportation to the Center and return. The specific pick-up times will be posted on our website in late February.



# School Bus Pick-up Points

## Chesterfield

Chester Middle  
Clover Hill High  
Harrowgate Elementary  
Hopkins Elementary  
Manchester Middle  
Matoaca High  
Midlothian Middle  
Providence Middle  
Reams Road Elementary  
Robious Middle  
Swift Creek Middle

## Colonial Heights

Colonial Heights High

## Hanover

Chickahominy Middle  
Elmont Elementary  
Henry Clay Elementary  
Lee-Davis High  
Mechanicsville Elementary  
Patrick Henry High  
Pearson's Corner Elementary  
Rural Point Elementary  
Washington Henry Elementary

## Henrico

Brookland Middle  
Byrd Middle  
Colonial Trail Elementary

Fairfield Middle  
Hungary Creek Middle  
Moody Middle  
Pocahontas Middle  
Rolfe Middle  
Tuckahoe Middle  
Wilder Middle

## King William

King William High

## Petersburg

A.P.Hill Elementary  
Blandford Elementary  
J.E.B. Stuart Elementary

## Powhatan

Pocahontas Middle

## Richmond

Albert Hill Middle  
Binford Middle  
Boushall Middle  
Chandler Middle  
Elkhardt Middle  
Franklin Military @ Minnis Middle  
Henderson Middle  
Lucille Brown Middle  
Martin Luther King Middle  
Thompson Middle

"In accordance with federal laws, the laws of the Commonwealth of Virginia and the policies of the School Board of the City of Richmond, the Richmond Public Schools does not discriminate on the basis of sex, race, color, age, disabilities or national origin in the provision of employment and services. The Richmond Public Schools operates equal opportunity and affirmative action programs for students and staff. The Richmond Public Schools is an equal opportunity/affirmative action employer. The Section 504 Coordinator is Mr. Harley Tomey, Richmond Public Schools, 301 North Ninth Street, Richmond, VA 23219, 804.780.7911. The Title IX Officer is Ms. Willi A. Williams, Richmond Public Schools, 301 North Ninth Street, Richmond, VA 23219, 804.780.7716." The United States Department of Education's Office of Civil Rights may be contacted also at P.O. Box 14620, Washington, D.C. 20044-4620. Telephone: 202.208.2545.



## Registration • Topics in Math • Spring 2010

First Name  Initial  Last Name

School Division

Grade  School

Phone  Fax  Emergency Phone

Home Address  City  State  Zip

E-mail  OK to notify you? (circle)  **yes**  **no**

School Bus Pick-up (if applicable)

## Parent Permission

Permission is hereby given for the release of the information requested below concerning my son/daughter. Such information will be used in the selection process in the Topics in Math class.

\_\_\_\_\_  
Parent's Signature

Student's Name

School

## Teacher Recommendation

Please estimate the extent to which the student has demonstrated the qualities listed below:  
(Scale: 1-Poor, 2-Fair, 3-Good, 4-Superior)

- Interest in mathematics 1 2 3 4
- Intellectual curiosity 1 2 3 4
- Intrinsic motivation for learning 1 2 3 4
- Creativity/originality of ideas 1 2 3 4
- Ability to work in groups 1 2 3 4
- Responsible attitude 1 2 3 4

What do you feel are the applicant's greatest strengths?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What program of studies under your supervision has the student taken? In what years?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

On a separate sheet, please add any other comments about the student which may be helpful.

Teacher's Name